

KIRTON CONCRETE SERVICES LTD

INDEPENDENT TESTING LABORATORY

MANOR HOUSE, STATION ROAD, HIBALDSTOW, BRIGG. DN20 9EB

TEL: 01652 656931 EMAIL: KIRTONLAB@AOL.COM



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TEST RESULTS

Client :- TITAN CEMENT LTD. HULL
Report reference :- TITAN
Weekly reference :- Week 31 /2016
Sample :- ORDINARY PORTLAND CEMENT
Sand :- FRENCH
Date received :- 02 August 2016
Date of tests :- 02 August 2016 to 30 August 2016

Results

FINENESS 4340 cm²/g (BSEN 196-6:2010)
STANDARD CONSISTANCE 32.0 % (BSEN 196-3:2005)
INITIAL SETTING TIME 185 mins (BSEN 196-3:2005)

COMPRESSIVE STRENGTH:- mortar prisms (BSEN 196-1:2005)

AT 2 DAYS 28.9 Mpa (Mean of 6 results, none discarded)
AT 7 DAYS 40.3 Mpa (Mean of 6 results, none discarded)
AT 28 DAYS 64.6 Mpa (Mean of 6 results, none discarded)

CHEMICAL COMPOSITION:- by mass, as received

Chloride 0.01 % (BSEN 196-2:2013)
Average Chloride 0.02 Last 25 results
Na²O 0.14 % (BSEN 196-2:2013)
K²O 0.57 % (BSEN 196-2:2013)
Na²O (equiv) 0.52 % (BSEN 196-2:2013)
Na²O Average Alkali's 0.51 Last 25 results

End of Report

THE ABOVE RESULTS COMPLY WITH THE REQUIREMENTS OF
BS EN 197-1:2011 FOR CEM 1 52.5N

Signed.....

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J.M. Burton

Quality Manager

S. Burton

Technical Manager